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PTO/SB/17 (12-04)
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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00

Complete if Known

Application Number	10/761,424
Filing Date	January 22, 2004
First Named Inventor	William J. Carroll, et al.
Examiner Name	Lenwood Faulcon, Jr.
Art Unit	3762
Attorney Docket No.	000309-00053

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☐ Deposit Account Deposit Account Number: 23-2185 Deposit Account Name: Blank Rome LLP
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims -20 or HP = Extra Claims Fee (\$) = Fee Paid (\$) Multiple Dependent Claims Fee (\$) Fee Paid (\$)

HP=highest number of total claims paid for, if greater than 20

Indep. Claims -3 or HP = Extra Claims Fee (\$) = Fee Paid (\$)

HP=highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets -100 = Extra Sheets / 50 = Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)
Other: Submission of an Information Disclosure Statement

Fees Paid (\$)
\$180.00

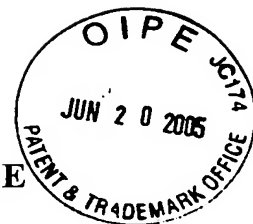
SUBMITTED BY

Signature	Registration No. (Attorney/Agent) 28,419	Telephone 202-772-5836
Name (Print/Type) Michael C. Greenbaum		Date June 20, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Docket No. 000309-00053



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: William J. Carroll, et al.

GAU: 3762

SERIAL NO: 10/761,424

EXAMINER: Lenwood Faulcon, Jr.

FILED: January 22, 2004

FOR: SPINAL CORD STIMULATION WITH INTERFERENTIAL CURRENT

COMMISSIONER FOR PATENTS

P.O. BOX 1450

ALEXANDRIA, VA. 22313-1450

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☐ No additional fee is required
- ☐ This application qualifies for small entity status. 37 C.F.R. §1.27.
- ☒ Additional documents filed herewith: Information Disclosure Statement, PTO-1449 and 2 documents

Claims	Claims Remaining	Highest Number Prev. Paid		Number of Extra Claims	Rate	Fee
Total	42	42	-20	0	\$50	\$0.00
Independent	8	8	-3	0	\$200	\$0.00
		<input type="checkbox"/> Multiple Dependent Claims			\$360	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			\$40.00	\$0.00
		TOTAL				\$0.00

- ☒ A check in the amount of 180.00 is attached.

- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed
- ☒ herewith, or credit any overpayment to deposit Account No. 23-2185. A duplicate copy of this sheet is enclosed.

- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby
- ☒ made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 23-2185. A duplicate copy of this sheet is enclosed.

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BLANK ROME LLP

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Michael C. Greenbaum
Registration No. 28,419

Date: June 20, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: William J. Carroll, et al.

Application No: 10/761,424

Filed: January 22, 2004

For: SPINAL CORD STIMULATION WITH INTERFERENTIAL CURRENT

Group Art Unit: 3762

Confirmation No. 1421

Examiner: Lenwood Faulcon, Jr.



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

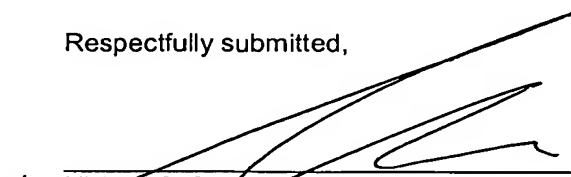
Sir:

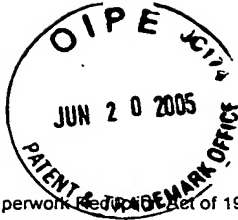
Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, Applicant(s) wish to make of record the references listed on the attached form PTO/SB/08 (substitute for PTO-1449). Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

- ☐ This Information Disclosure Statement is being filed (a) within three months of the filing date of the subject patent application, OR (b) before the mailing date of a first Office Action on the merits. No certification or fee is required.
- ☒ This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ Each item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in any counterpart foreign application not more than three months prior to the filing of this statement. No fee is required.
- ☐ No item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement. No fee is required.
- ☒ A check in the amount of \$180.00 is enclosed under 37 CFR §1.17(p).
- ☐ This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. A check in the amount of \$180.00 is enclosed under 37 CFR §1.17(p).
- ☐ Each item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in any counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.
- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 23-2185. A duplicate copy of this sheet is enclosed.

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Customer No.: 27557
Date: June 20, 2005

Respectfully submitted,


Michael C. Greenbaum
Attorney of Record
Registration No. 28,419



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/761,424
Filing Date	January 22, 2004
First Named Inventor	William J. Carroll, et al.
Art Unit	3762
Examiner Name	Lenwood Faulcon, Jr.
Attorney Docket Number	000309-00053

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	01	"Which Neuronal Elements Are Activated Directly by Spinal Cord Stimulation," J. Holsheimer, Institute for Biomedical Technology, University of Twente, pp. 25-31	
	02	"Editorial", Robert Foreman, Department of Physiology, University of Oklahoma Health Science Center, Oklahoma City, OK, pp. 1-3	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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